

C L A I M S

1. Sectional door comprising at least one first and one second section (16, 78), whereby the sections (16, 78)
5 are arranged on top of each other essentially on one plane in the closed state of the sectional door and whereby the sections (16, 78) are guided on at least one side edge by means of a section guiding device (12),
10 characterized in that

the sections (16, 78) interact with each other without connecting means being arranged therebetween.
2. Sectional door in accordance with claim 1, characterized
15 in that in the closed state of the sectional door, two sections (16, 78) lying atop one another exhibit matching profiles (60, 62), in particular deep tongue-groove profiles, at their facing contact edges.
3. Sectional door in accordance with claim 1 or 2, characterized
20 in that a separating device (64) is provided on at least one lowest section (16) which spreads the sections (16, 78) apart from one another in their planar extension such that said profiles (60, 62) disengage.
4. Sectional door in accordance with claim 3, characterized
25 in that said separating device (64) comprises a lift lever (66) guided in a slot (70).
5. Sectional door in accordance with claim 4, characterized in that said lift lever (66) is configured as a track for a lift roller (58, 158).

6. Sectional door according to one of claims 1 to 5,
characterized in that only the lowest section (16) is
driven when the sections (16, 78) are moved, whereby this
will then drive the at least one section (78) positioned
5 thereabove.
7. Sectional door according to one of claims 1 to 6,
characterized in that sections (16, 78) are arranged
edgewise adjacent one another in the opened state of the
sectional door, whereby to move these sections (16, 78)
10 over these lengths, the sections have roller or slider
tracks, in particular section counter bearing rails (54),
over which the sections roll or slide.
8. Sectional door according to one of claims 1 to 7,
characterized in that an offset roller (44) is provided
15 which engages at least by sections with an offset rail
(22) for the lateral offsetting of the sections (16, 78)
when opening said sectional door.
9. Sectional door according to one of claims 1 to 8,
characterized in that the section guiding device (12) has
20 at least one guide rail (24) arranged in the area of a
door opening (32) in essentially vertical extension which
merges with an essentially horizontally-extending carrier
rail (50) in a transition radius (94) in a section
receiving area.
- 25 10. Sectional door according to one of claims 1 to 9,
characterized in that a counter bearing device (18) is
provided in the section receiving area which prevents the
sections (16, 78) from tilting in the section receiving
area.

11. Sectional door according to one of claims 1 to 10,
characterized in that a left and a right section guiding
device (12) are configured to be essentially symmetrical
and to interact with correspondingly symmetrically-
5 configured mechanisms on the sections (16, 78).
12. Section guiding profile for a sectional door comprising a
guide rail (24) and an offset rail (22).
13. Section guiding profile in accordance with claim 12,
characterized in that said section guiding profile is of
10 C-shaped configuration, whereby the guide rail (24) and
the offset rail (22) are configured at opposite sides on
the inner side legs (26, 28) with reciprocal offset
relative the connecting leg (30).
14. Section guiding profile in accordance with claim 12 or
15 13, characterized in that same is of extruded or
continuous casting profile configuration.
15. Sectional door according to one of claims 1 to 11,
characterized by a section guiding profile (20) in
accordance with one of claims 12 to 14.